GOVERNMENT OF INDIA
ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:1117
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Digital Jobs
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Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state: -

(a) whether new range of digital jobs are being created as India moves towards a cashless economy;
(b) if so, the details thereof;
(c) whether with growing digitization and use of data for decision-making, risk of hacking and fraud has increased manifold;
(d) if so, the details thereof and the steps taken by the Government to cater towards a spurring demand for digital security architects, to look into various aspects of cyber and digital security; and
(e) the estimate of job creation over the next one year from cyber security experts to digital CXOs?

Answer

(a) and (b): As per National Association of Software and Services Companies (NASSCOM), the implementation of cashless technologies through Digital technologies like Social Media, Mobility, Analytics, Cloud, Artificial Intelligence, Analytics and Robotics, is resulting in new kinds of jobs being created e.g. Chief Digital Officer and Chief Disruption Officer, Data Scientists, Web Analyst, Data Architects, Agile Engineering Managers, Digital Content Manager, Mobile App Developers, and User Experience designers etc.

(c) and (d): As per the information reported to and tracked by Indian Computer Emergency Response Team (ICERT), under Ministry of Electronics and IT, a total no. of 44679, 49455 and 50362 cyber security incidents including phishing, scanning, malicious code, website intrusion, Denial of Service etc, were reported during the year 2014, 2015 and 2016 respectively. The National Skill Development Corporation (NSDC), under the Ministry of Skills & Entrepreneurship Development, has been working with Sector Skills Councils across Industry sectors including Information Technology (IT) and ITeS (IT Enabled Services) to assess human resource and skill requirement in the sector.

(e): As per NASSCOM-Data Security Council of India (DSCI) Cyber Security Task Force estimates, there is need of a million Cyber Security professionals by 2025 to cater to the rising demands of cyber security professionals across multiple sectors and roles.

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